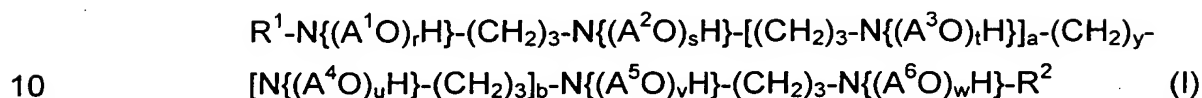


What is claimed is:

1. A composition comprising

5 a) one or more pesticides and

b) one or more compounds selected from formula I



in which

15  $R^1$  and  $R^2$  are, in each case independently of one another, a linear or branched alkyl or alkenyl residue with 6 to 30 carbon atoms,

$A^1$  to  $A^6$  are, in each case independently of one another, a group of the formula  $-C_2H_4-$  or  $-C_3H_6-$ ,

20  $r$ ,  $s$ ,  $t$ ,  $u$ ,  $v$  and  $w$  are, in each case independently of one another, a number from 1 to 400,

the sum of the numbers  $r$ ,  $s$ ,  $t$ ,  $u$ ,  $v$  and  $w$  has values from 10 to 600,

25  $a$  and  $b$  are, in each case independently of one another, a number from 0 to 10, and

$y$  is a number from 2 to 10,

30 the compounds of the formula I also including those derivatives in which a fourth residue is bonded to one or more nitrogen atoms, which residue is chosen from H and linear or branched alkyl groups with 1 to 6 carbon atoms, and the counterions of these derivatives are chosen from chloride,

bromide, iodide, fluoride, sulfate, hydrogensulfate, carbonate, hydrogencarbonate, phosphate, mono- and dihydrogenphosphate, pyrophosphate, metaphosphate, nitrate, methyl sulfate, phosphonate, methylphosphonate, methanedisulfonate, methanesulfonate, or ethanesulfonate, or from anionic compounds of the formula  $R^6SO_3^-$  and  $R^7SO_4^-$  or  $R^6COO^-$  in which  $R^6$  and  $R^7$  are linear or branched  $C_8-C_{20}$  alkyl, and  $R^7$  is, in addition, also  $C_7-C_{18}$  alkylphenyl.

2. A composition as claimed in claim 1, wherein the pesticide or pesticides are chosen from the N-(phosphonomethyl)glycine (glyphosate) class of substances.

3. A composition as claimed in claim 2, wherein glyphosate is present as free acid or as alkali metal, ammonium, alkylamine, alkylsulfonium, alkylphosphonium, sulfonylamine or aminoguanidine salt.

4. A composition as claimed in one or more of claims 1 to 3, which comprises compounds of the formula I in which

$R^1$  and  $R^2$  are, in each case independently of one another, an alkyl residue with 8 to 19 carbon atoms,

$A^1$  to  $A^6$  are, in each case independently of one another, a group of the formula  $-C_2H_4-$  or  $-C_3H_6-$ ,

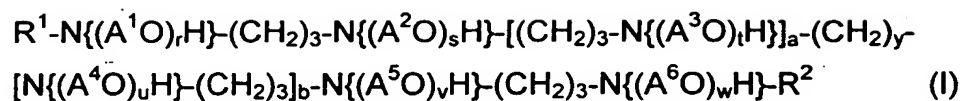
$r$ ,  $s$ ,  $t$ ,  $u$ ,  $v$  and  $w$  are, in each case independently of one another, a number from 1 to 400,

the sum of the numbers  $r$ ,  $s$ ,  $t$ ,  $u$ ,  $v$  and  $w$  has values from 10 to 600,

$a$  and  $b$  are, in each case independently of one another, a number from 0 to 10, and

y is 2.

5. A composition as claimed in claim 4, wherein a and b are 0.
- 5 6. A composition as claimed in one or more of claims 1 to 5, wherein R<sup>1</sup> and R<sup>2</sup> are a tallow fatty residue.
7. A composition as claimed in one or more of claims 1 to 6, which exists as a concentrate formulation to be diluted before use and comprises 5 to 60 weight% of pesticide and 5 to 50 weight% of one or more compounds of the formula I.
- 10 8. A composition as claimed in one or more of claims 1 to 6, which exists as a solid formulation to be dissolved in water before use and comprises 20 to 80 weight% of pesticide and 5 to 80 weight% of one or more compounds of the formula I.
- 15 9. A composition as claimed in one or more of claims 1 to 6, which exists as a spray mixture and comprises 0.001 to 10 weight% of pesticide and 0.01 to 10 weight% of one or more compounds of the formula I.
- 20 10. A composition as claimed in one or more of claims 1 to 9, which comprises agrochemical salts, preferably ammonium salts.
- 25 11. A composition as claimed in claim 10, wherein the agrochemical salts are chosen from ammonium sulfate, ammonium nitrate, ammonium phosphate, ammonium thiocyanate and/or ammonium chloride.
- 30 12. Use of
  - a) one or more pesticides and
  - b) one or more compounds selected from formula I



in which

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$R^1$  and  $R^2$  are, in each case independently of one another, a linear or branched alkyl or alkenyl residue with 6 to 30 carbon atoms,

10

$A^1$  to  $A^6$  are, in each case independently of one another, a group of the formula  $-C_2H_4-$  or  $-C_3H_6-$ ,

$r$ ,  $s$ ,  $t$ ,  $u$ ,  $v$  and  $w$  are, in each case independently of one another, a number from 1 to 400,

15

the sum of the numbers  $r$ ,  $s$ ,  $t$ ,  $u$ ,  $v$  and  $w$  has values from 10 to 600,

$a$  and  $b$  are, in each case independently of one another, a number from 0 to 10, and

20

$y$  is a number from 2 to 10,

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the compounds of the formula I also including those derivatives in which a fourth residue is bonded to one or more nitrogen atoms, which residue is chosen from H and linear or branched alkyl groups with 1 to 6 carbon atoms, and the counterions of these derivatives are chosen from chloride, bromide, iodide, fluoride, sulfate, hydrogensulfate, carbonate, hydrogencarbonate, phosphate, mono- and dihydrogenphosphate, pyrophosphate, metaphosphate, nitrate, methyl sulfate, phosphonate, methylphosphonate, methanedisulfonate, methanesulfonate, or ethanesulfonate, or from anionic compounds of the formula  $R^6SO_3^-$  and  $R^7SO_4^-$  or  $R^6COO^-$  in which  $R^6$  and  $R^7$  are linear or branched  $C_8-C_{20}$  alkyl, and  $R^7$  is, in addition, also  $C_7-C_{18}$  alkylphenyl,

30

in controlling and/or combating weeds.

- 13. The use as claimed in claim 12 in the tank-mix process.
- 5 14. The use as claimed in claim 12, wherein the pesticide or pesticides are present in water or an organic solvent and the compound or the compounds according to formula I are present without solvent or in water and the abovementioned substances are mixed with one another before application.
- 10 15. The use as claimed in claim 14, wherein the pesticide or pesticides and the one or more compounds according to formula I are present in water.